

REMARKS

This is in full and timely response to the Office Action dated May 20, 2002. A divisional application was filed as to claims 1 to 3 whereupon these claims are here canceled. Reexamination and reconsideration are respectfully requested of claims 4 to 8, in which claims 4 to 6 were originally rejected.

The basis for the rejection was that the claims 4 to 6 were of a "product by process nature", allegedly anticipated by the showing in Deal '820 of a heat absorbing carbon film in silica. This rejection is respectfully traversed.

It is clear from the specification that a color cathode ray tube is made by the steps disclosed. An important feature of that process is in making an intermediate product prior to the final cathode ray tube, in which a panel 11, having a phosphor screen film 12, a conductive reflecting film, are in a state suitable for receiving a sol as described on page 9 of the specification. That sol is a material that, when baked, forms the heat absorbing film 14.

Thus, the pending claims 4 to 6, and the newly-added claims are recast as a set of intermediate product claims for a product that exists prior to baking, as described on page 9 of the disclosure.

Thus, these claims as drafted distinguish over the final product of Deal '820 as cited by the examiner. Claim 9 recites the sol as uniformly applied to the conductive reflecting film. The sol is a product that, when baked, forms an oxide as a heat absorbing film, and contains a material in a colloidal state. Claims 5 and 6 further define the sol in the intermediate product prior to baking, and claims 7 and 8 further characterize the sol by the characteristics of the sol. No new matter is involved, based on claims 4 to 6 and pages 9 and 10 of the specification.

Reexamination and reconsideration are requested. It may be noted that a Petition to Extend Time for two months was filed to provide continuity for the divisional application directed to the method subject matter, while an additional Petition to Extend

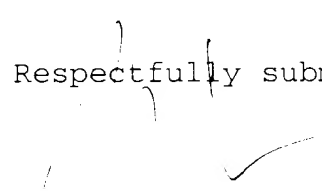
SON-1716/TSU

PATENT APPLICATION

Time to within the third extended month accompanies this paper to make this submission timely.

Respectfully submitted,

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